XML1

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="100dp">

<TextView

android:id="@+id/textView"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_margin="30dp"

android:text="Details Form"

android:textSize="25sp"

android:gravity="center"/>

</LinearLayout>

<GridLayout

android:id="@+id/gridLayout"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_marginTop="100dp"

android:layout\_marginBottom="200dp"

android:columnCount="2"

android:rowCount="3">

<TextView

android:id="@+id/textView1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_row="0"

android:layout\_column="0"

android:text="Name"

android:textSize="20sp"

android:gravity="center"/>

<EditText

android:id="@+id/editText"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_row="0"

android:layout\_column="1"

android:ems="10"/>

<TextView

android:id="@+id/textView2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_row="1"

android:layout\_column="0"

android:text="Reg.No"

android:textSize="20sp"

android:gravity="center"/>

<EditText

android:id="@+id/editText2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_row="1"

android:layout\_column="1"

android:inputType="number"

android:ems="10"/>

<TextView

android:id="@+id/textView3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_row="2"

android:layout\_column="0"

android:text="Dept"

android:textSize="20sp"

android:gravity="center"/>

<Spinner

android:id="@+id/spinner"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_row="2"

android:layout\_column="1"

android:spinnerMode="dropdown"/>

</GridLayout>

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerInParent="true"

android:layout\_marginBottom="150dp"

android:text="Submit"/>

</RelativeLayout>

XML2

<?**xml** version="1.0" encoding="utf-8"?>

<**LinearLayout** xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent"

    tools:context="com.example.devang.exno2.SecondActivity"

    android:orientation="vertical"

    android:gravity="center">

    <**TextView**

        android:id="@+id/textView1"

        android:layout\_width="wrap\_content"

        android:layout\_height="wrap\_content"

        android:layout\_margin="20dp"

        android:text="New Text"

        android:textSize="30sp"/>

    <**TextView**

        android:id="@+id/textView2"

        android:layout\_width="wrap\_content"

        android:layout\_height="wrap\_content"

        android:layout\_margin="20dp"

        android:text="New Text"

        android:textSize="30sp"/>

    <**TextView**

        android:id="@+id/textView3"

        android:layout\_width="wrap\_content"

        android:layout\_height="wrap\_content"

        android:layout\_margin="20dp"

        android:text="New Text"

        android:textSize="30sp"/>

</**LinearLayout**>

JAVA1,MAINACTIVITY1

**package** com.example.exno2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.Spinner;

**public** **class** MainActivity **extends** AppCompatActivity {

    //Defining the Views

    EditText e1,e2;

    Button bt;

    Spinner s;

    //Data for populating in Spinner

    String [] dept\_array={"CSE","ECE","IT","Mech","Civil"};

    String name,reg,dept;

    @Override

**protected** **void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_main);

        //Referring the Views

        e1= (EditText) findViewById(R.id.editText);

        e2= (EditText) findViewById(R.id.editText2);

        bt= (Button) findViewById(R.id.button);

        s= (Spinner) findViewById(R.id.spinner);

        //Creating Adapter for Spinner for adapting the data from array to Spinner

        ArrayAdapter adapter= **new** ArrayAdapter(MainActivity.**this**,android.R.layout.simple\_spinner\_item,dept\_array);

        s.setAdapter(adapter);

        //Creating Listener for Button

        bt.setOnClickListener(**new** View.OnClickListener() {

            @Override

**public** **void** onClick(View v) {

                //Getting the Values from Views(Edittext & Spinner)

                name=e1.getText().toString();

                reg=e2.getText().toString();

                dept=s.getSelectedItem().toString();

                //Intent For Navigating to Second Activity

                Intent i = **new** Intent(MainActivity.**this**,SecondActivity.**class**);

                //For Passing the Values to Second Activity

                i.putExtra("name\_key", name);

                i.putExtra("reg\_key",reg);

                i.putExtra("dept\_key", dept);

                startActivity(i);

            }

        });

    }

}

JAVA MAINCTIVITY2

**package** com.example.exno2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.widget.TextView;

**public** **class** SecondActivity **extends** AppCompatActivity {

    TextView t1,t2,t3;

    String name,reg,dept;

    @Override

**protected** **void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_second);

        t1= (TextView) findViewById(R.id.textView1);

        t2= (TextView) findViewById(R.id.textView2);

        t3= (TextView) findViewById(R.id.textView3);

        //Getting the Intent

        Intent i = getIntent();

        //Getting the Values from First Activity using the Intent received

        name=i.getStringExtra("name\_key");

        reg=i.getStringExtra("reg\_key");

        dept=i.getStringExtra("dept\_key");

        //Setting the Values to Intent

        t1.setText(name);

        t2.setText(reg);

        t3.setText(dept);

    }

}